

V.

Memorandum
Book

(Saw Aster subvirgatus at
Mainla March 24, 1907.)

V Mansalay il coast Mindoro.

Sunday March 24, 1907.

Left Manila at 4 P.M.
on 88. Ministro. Arrived
at Manigan (San Jose),
Philippines at daybreak.
Landed at 8 A.M. ^{March 25} and
picked up Take Manigan. In
Manila Bay were hundreds
of Larva reinforced. Around
Corregidor Is. many Blerna
+ Varig located.

March 25, 1907. - At Navjan (the largest town of Mindoro) we took trail to the big Laguna at 9 a.m. and reached the stream at outlet at 11 a.m., walking.

Birds seen. -

- ✓ *Corvus philippinus*. - Many
maillii.
- ✓ *Corvus ~~neurocorax~~*. - Two.
- ✓ *Merops americanus*. - Abund.
- ✓ *Artamus leucogaster*. - "

✓ *Elanus hypoleucus*. - One
 ✓ *Haliastur intermedius*. - Abundant
 ✓ *Megalurus palustris*. - "
 ✓ *Leisticola exilis*. - "
 ✓ *Pycnonotus goiavier*. - "
 ✓ *Nole mindorensis*. - "
 ✓ *Sarcops calvus*. - "
 ✓ *Oriolus chinensis*. - "
 ✓ *Calocalia (marginata?)*. - "
 ✓ *Tanygnathus*. - Several.
 ✓ *Lorucus mindorensis*. - "
 ✓ *Eurystomus orientalis*. - "
 ✓ *Excalfactaria lineata*. - Flock.
 ✓ *Halcyon chloris*. - Common.
 ✓ *Sympetrum griseifrons*. - One
 ✓ *Manila It. Blue Heron*. - One
 ✓ *Yunnia pectori*. - Flock.
 ✓ *Glaucocorax panayensis*. - Common.
 ✓ *Zenopsis poliocephala*.
 ✓ *Chalcosceps indica*.
 ✓ *Hemitis hypoleucus*.
 ✓ *Bubulcus coromandus*.
 ✓ *Centropus viridis*.
 ✓ *Budylis leucostriatus*.

(March 25.)
 About noon we started up the Naujan River for Laguna de Naujan. The afternoon was spent on the Naujan River and Lake Naujan. The only mammals seen were: -
 ✓ Sus
 ✓ Cynomolgus _____. - These monkeys were abundant and seemed to be feeding on the new leaves of the bamboo.
 A very large Iguano with prominent tubercles was shot in the top of a tall bamboo. At the first shot it hung by its fore legs. A second shot brought it to the ground where a native seized it by the tail, at which the Iguano came to life and escaped through bamboo and grass into the Naujan River.

A coarse floating grass with shoots 40 feet long lined the river shore in places. Feeding

upon the aquatic grass were
myriads of fresh-water shells,
some of them quite large.

The lake is about the size of
Lake Buluan, Mindanao. It is
bordered by *Lotus*, which was the
only water lily I saw. The shallows
are densely grown with Eel-grass
(*Vallisneria*), which has the pistillate
flowers lowered by a spiral twist-
ing of the flower stem. I saw
many fruiting plants, and gathered
some which were lost.

Birds seen. -

✓ *Excalfactoria lineata*

✓ *Phapitreron leucotis*. - Alman River.

✓ *Muscadirores mchalis*. - This

✓ very large Pigeon produces an
✓ enormous booming sound.

✓ *Chalcolephaps indica*

✓ *Poliolimnas cinereus*. - Abundant
✓ on the Lake and Naujan River.

✓ *Amaurornis phoenicurus*. - On river

✓ *Porphyrio fulvus latus*. - Guil.
Wood shot one and my native
Sicano boy shot one. Found on
Naujan Lake and River. A very
noisy bird that usually keeps
out of sight in the tall grass.

✓ *Hydrophasianus chirurgus*. -

Flocks of these beautiful birds
disported themselves on the
beds of floating *Lotus* leaves.
They would fly about uttering
cries resembling the meowing of
a house cat.

✓ *Pyrrherodias manillensis*. - Very
abundant on Lake Naujan & the
Naujan River.

✓ *Mesophoyx intermedia*. - This
bird, which can be recognized
by the color of its bill and feet,
was seen in small numbers
on Naujan Lake.

✓ *Nycticorax manillensis*. - Flocks
were flushed from trees beside the
Naujan River.

✓ Butorides jairamica. } These
✓ Butorides anuensis. } two birds
were abundant on Naujan Lake
and River. The latter could
be easily identified in flight by
its larger size.

✓ Ardeota sinensis. - Abundant
on Naujan Lake.

✓ Ardeota cinnamomea. - A few
on Naujan Lake and River.

✓ Dendrocygna arcuata. - 21 were
brought in from Lake Naujan.

✓ Anhinga melanogaster. - Very
abundant at Naujan Lake & River.
Its habits are like the American
species in Florida. It utters
a rough note, rarely, during
flights. A number were shot.

Spilornis holosceles. - One shot.

✓ Haliaeetus intermedius. - Abundant
on the Naujan River and Lake.

Elanus hypoleucus. - General

Wood shot one; and I afterwards
saw another of this kite.
✓ Polioæetus ichthyaæetus. - I saw
one on the Naujan River very near
Lake Naujan.

✓ Otus _____. - One of these
owls was heard as we paddled
down the Naujan River, by moonlight.

✓ Tanygnathus _____. - Many
were seen along Naujan River.

✓ Loriculus mindorensis. - Very
common in the coconut groves
near the coast and town of Naujan.

✓ Eurystomus orientalis. - Abundant

✓ Pterogopsis gouldi. - Common
on the Naujan River. Two shot.
Its note is very loud. ~~It~~ A
wounded one put up a good
and clever fight in the water.

✓ Alcedo bengalensis. - Abundant
Its note suggests that of Loriculus.

✓ Alcyone cyanoptera. - Three shot.
It seldom sat in the open but

usually flew out from a screen of branches at the side of the Naijan River. It was in such deep shadow that I had much difficulty in seeing them, even when I knew the spot where one had flown. They were not shy, but sought concealment in the deep shadow. A female sat behind some vines and continually dipped down to the surface, ^{beneath it} and back to the concealed perch with the effect of a trout jumping. The movement was so swift that the eye could scarce follow it.

Halcyon gularis. - Very numerous on the Naijan River. Its terrible cries were heard during the night as we paddled down the stream.

Merops americanus. - Abundant on the Naijan River.

✓ Halcyon (marginata?) was common on the Naijan River.

✓ Eudynamys mindorensis. - Abundant now at night.

✓ Centropus mindorensis. - Some were seen on the Naijan River bank.

✓ Xantholaema haematocephalum. - Very abundant. One shot.

✓ Yungipicus validirostris. - One shot on the Naijan River.

Hirundo gularis. - Flocks were continually crossing Lake Naijan from south to north.

✓ Hypothymis occipitalis. - Common in trees bordering the Naijan River. I shot a female.

✓ Sole mindorensis. - Common. Sang at night.

✓ Pycnonotus goavier. - Abundant.

✓ Aerocephalus orientalis. - " on Lake Naijan.

✓ Leisticola exilis. - Several were seen on the Naijan River.

✓ Megalurus palustris. - Abundant in openings bordering Naijan R.

✓ Artamus leucorhynchus. - Abundant.

✓ Otomela lucionensis. - "

Spirinchus jugularis. - Abundant.

Fructicilla melanope. - "

Studleya leucosticta. - "

Acrocephalus rufulus. - "

Merops philippinus. - Several.

Munia fagoni. - Flocks.

Oriolus chinensis. - Very abundant.

Tarsops calvus. - "

Lamprocorax parayensis. - "

Corone philippina. - Very numerous on Naujan Lake and River. I saw many flying with fresh-water shells in their bills.

Corvus pusillus. - It has a very loud, rough croak. Many were seen and two shot on the Naujan River. It was pestering Manila Night Herons.

March 26, 1907.

Left Naujan at 2 A.M. and steamed to Bulalacao Mindoro. In the afternoon steamed 30 miles up the east

~~Vast of Mindoro to the native village of ~~Mablagan~~ ^{Nahsalye} to make inquiries about Tamarau shooting. Were told that there were none near that town but that they came into the ^{country of} Paclaran to feed at night. - 7 miles. Then steamed for Legaspi, Luzon.~~

March 27, 1907.

- ✓ Passed through San Bernardino Straits, where numbers of small white terns were flying about the shores of small, rocky islands containing many caves.
- ✓ *Haliastur leucogaster*. - One.
- ✓ I saw 1 ~~halieetus~~ ^{halieetus} peregrinus. + two *Haliastur leucogaster*.

March 26, 1907.

At Legazpi, 2100 feet. At 11⁰⁰ & 2⁰⁰ f. I, & my son went up to 11⁰⁰ feet. Found a Philentoma at 11⁰⁰ feet. Father & I examined a bird nest of Haleastur inter-
medius singing above a wharf at Legazpi.

- ✓ Munia fayori
- ✓ Hirundo javanica
- ✓ Otonula luciventeris
- ✓ Buceros leucostethus
- ✓ Anthus rufulus
- ✓ Pycnonotus caprata
- ✓ Ornithodoros leucostigma
- ✓ Pyrenopodus goavier
- ✓ In the afternoon rode to about 2500 feet on Mt. Mayon. Small Bats seen at twilight, returning, were the only mammals observed. Saw some huge dead lizards.
- ✓ Birds! Coccyzus leucomelas. - Two at 2000 feet.
- ✓ Gallus gallus. - Abundant; cocks crowing

- ✓ Phapitreron leucotis. - One at 2000 feet.
- ✓ Macropygia temuroides. - Abundant as high as we went (2500 feet).
- ✓ Amaurornis olivacea. - One at 1500 ft.
- ✓ Bubulcus coromandus. - At base
- ✓ Ceretta cinnamomea "
- ✓ Cliviculus melanoleucus. - Two 2500 ft.
- ✓ Haleastur intermedius
- ✓ Halcyon chloris. - Streams at base
- ✓ Cypriornis sp.
- ✓ Trochocercus mindanensis. - Abundant up to 1500 feet.
- ✓ Centropus vridis, - do
- ✓ Hirundo gutturalis. Abundant from 1000 to 2000 feet.
- ✓ Hirundo strolata. - Flock at 2000 feet.
- ✓ Perieroscotus - One at 1500 feet.
- ✓ Lalage nigra. - Common up to 2500 ft.
- ✓ Toli philippinus. - Singing at 2500 feet.
- ✓ Pyrenopodus goavier. - Abundant.
- ✓ Pratincola caprata. - Abundant up to 2500 feet. Flew up in the air and sank.

Gisticola exilis. In cegon to 2000 ft.

Megalurus palustris. - At base.

✓ *Artamus cinereiceps*. - Everywhere.

✓ *Otomela lucionensis*. - Up to 2000 ft.

✓ *Sciurus sperata*. - Up to 2000 feet.
in coconut-trees.

Birdetes leucostriatus. - Up to 2000 ft.

Anthus sp. - Found from
the cegon at 2000 feet.

Anthus rufulus. - Abundant.

✓ *Merops philippinus*. - Everywhere
in grassy openings.

✓ *Phoenicula ageri*. - Abundant at base.

✓ *Oriolus chinensis*. - Up to 2500 ft.

✓ *Corone philippina*. - Common to 2500 ft.

March 29 1907.

Landed at Tabaco at 8 a.m.

Birds: Two Sparrows brought in

✓ a number of *Muscadornis acicula*

✓ and one *Spilornis holospilus*.

✓ saw *Haliastur intermedius*,

✓ *Halcyon chloris*. - One sat on a

✓ big cross in the church yard.

✓ *Herundo jairanica*. - Perhaps a
score of occupied nests in the
big church.

✓ *Lalage uiger*

✓ *Pycnonotus goiavier*

✓ *Otomela lucionensis*

✓ *Oriolus chinensis*

✓ *Corone philippina*

✓ Small Bats, like those

✓ collected at Macabon, near

✓ Manila were hanging by scores
✓ in the big church.

March 30, 1907.

Landed at Lucina at 2 p.m.
and remained 3 hours. Saw -

✓ *Actitis hypoleucos*. - One.

✓ *Herodias trimoriana*. - Four
at mouth of river; one other
flying out to sea.

✓ *Haliastur leucogaster*. - One.

✓ *Haliastur intermedius*. - Abundant
One was chased and buffeted
by two Crows.



Pandion haliaetus. - One. It
dived into a fish trap and got a fish.
Loriculus philippinus. - Abund-
=ant in the enormous groves of
cocoanut.

Halcyon chloris. - Abundant.

Hirundo jagannja. - Abundant.

Breeding in the houses.

Rhipidura nigritorquis. - One.

Dyconotus goravier. - Abundant.

Pratincola caprata. - Common

Megalurus palustris. - One in the post.

Artamus leucorhynchus.

Otoruula lucionensis

✓ Large Sunbird, with dark green back.

✓ *Artus rufulus*. - Abundant.

✓ *Passer montanus*. - "

✓ *Oriolus chinensis*. - "

✓ *Corone philippinus*. - "

✓ The Sergeant in charge of the
Launch Spokane, which took
us up to the post of Camp Wilhelm,
showed me the dry skin of a

Crocodile which he had shot
2 months ago. The skin had
been cut off behind the head and
shrunken as it was measured
17 feet in length in the median
line. When fresh the reptile
was measured, according to the
Sergeant, just 21 feet in length.
Another crocodile of 12 feet had
just been shot in the river.

Wooden, paper rock
with Gulf Wood from
Manzanilla to San Luis.

Icarus if not used would
make a good generic name
for birds, bats, or flying fishes
Look it up in mythology.

✓ Description of a nest and Egg.

On June 5, 1907, when descending
Mt. Mayon, at 3500 feet altitude, I
found this nest but did not
see the birds: —

Egg elongate oval 22×14.5 mm.
Color plain olive-brown except
a blotch of purplish brown 11 mm.
in diameter which occupies the center
of the great end.

Nest egg sent to U.S. Nat.

Birds collected.

		25.1907
15058	<i>Alouatta cyanoleucus</i>	♂ ad.
15059	<i>Cuculus</i> "	♂ ad.
15060	"	♀ ad.
15061	<i>Yungipicus valderostrius</i>	♀ ad.
15062	<i>Corvus haemorrhous</i>	♂ ad.
15063	" <i>fuscus</i>	♀ ad.
15064	<i>Anauroornis plomiceurus</i>	♀ ad.
15065	<i>Pelargopsis gouldi</i> ..	♀ ad.
15066	<i>Porphyrio polychlorus</i>	♀ ad.
15067	<i>Nycticorax manillensis</i>	♀ ad.
15068	" "	♀ ad.
15069	<i>Spilornis holospilus</i>	♀ ad.
15070	<i>Anhinga melanogaster</i>	♀ ad.
15071	" "	♀ ad.
15072	<i>Hypothymis occipitalis</i>	♀ ad.

25.1907

and 8000', 0.2000' N. & 0.7000' S. 115. of 1118

W. Hainan-h. q. Yuan Id.

Carpenter: 1 Rooster

2 Owls

3 *Aegialitis*

1 *Thraupis* bush

2 Sunbirds

1 *Leucophaeus* go nica

Belg. the Red:

No toting = 0.

L. V. Greer: -

3 hens & 1 cock.

3 *Muscadivora occipitalis*

1 *Megapodius cinnamomeus*

1 *Turtur dasumieri*

Dr. Meany's

1 Warbler

2 *Eudynamys frater* ♀

3 *Hypsipetes fugaceus*

Scioto

1 *Haleyon chloris*

1 *Muscadivora occipitalis*

~~W Judge~~

2 *Oriolus chinensis*

2 *Muscadiviria occipitalis*

1 *fulvus desmaresti*

~~Pvt. West:~~

1 *Megapodeus cruentus*

4 *Salvinus* ~~ans~~ 3 ♀ 1 ♂

1 *carunculatus orientalis*

[Calf. Dovay saw one
~~*Salvinula orientalis*~~]

1 *Hyboscelistes lugubris*

8 *Muscadiviria occipitalis*

~~General Wood:~~

6 *Muscadiviria*

6 *Yushitai*

2 *leucophrys*

2 *Hans*

2 *Megapodeus*

Calf. *crassirostris*

2 *Muscadiviria*

1 *Front Thrush* *phyphileus*

~~Total~~

W. H. to 2

6000 ft. 1000 ft.
on the 1000 ft.

also

"trip to the Red Canyon
and the 7000 ft.

July 19 - 1907

Padre Martin our guide
Trip to Batanes occupied from
May 24 (Manila) to June 7 (Manila). 1907.
Libi (town) Pili (hot springs). June 3.

In the Batanes group we
landed on Batan, at
Santo Domingo de Basco.
We also tried to land at
Itbayat.

The Batanes Isls. are situated
between the $128^{\circ} 56' 30''$ East longi-
tude, San Fernando Meridian,
and between the $19^{\circ} 57' 30''$ and
 $20^{\circ} 28' 30''$ North latitude. They
are at 110 miles distance from the
Babuyanes islands, 55 from
the Island of Formosa and
175 from the North coast of the
island of Luzon."

Dry or hot season is from May to
August, and the coldest season
from November to December and
January."

Batan Island is $9\frac{1}{2}$ miles long.
N. 35° E. and S. 35° W., and 1 to 3
miles broad."

Mount Brada, apparently an old
volcano, in its northern part, is

3,806 feet above the sea, and thickly covered with trees; the rest of island is mountainous. There is a high ~~to~~ pinnacle rock about half a mile north-eastward of the island.

"Batan Island is about 200 Kilometers long from North to South and about 4 Kilometers wide from east to West."

"To the North of Batan Island at a distance of about 20 miles, is the most important island of the group called Il. Bayat which is also the most fertile and half again as large as Batan."

"At 12.45 o'clock P.M., the Island of Fuga was passed.—Latitude 18 degrees, 50' N.; Longitude 127 degrees, 20' E. This island rises about ⁴⁰⁰ feet above tide water, and is fully and mountainous in character. It is approximately 10 miles long and 2 miles wide."

June 3, 1907. — Arrived at Yabaco before noon. Arranged to ascend Mt. Mayon ⁴ June ⁵ and ⁶. On the afternoon of June 4 steamed to the town of Yibi, whence we walked a mile or two inland to the hot springs of Pili. On this trip plants & a few shells were gathered.

- ✓ Birds seen: *Eryca factorialis* *leucata*
- ✓ *Asiosteron vernans*
- ✓ *Muscadivora acuca*.
- ✓ *Macrocyzra leuurostris*
- ✓ *Streptopelea dussumieri*
- ✓ *Polidornis cinereus*
- ✓ *Gallicrex cinerea*
- ✓ *Pyrrherodias manillensis*
- ✓ *Bubulcus coromandus*
- ✓ ~~*Brueggetta severa*~~
- ✓ *Auloncha melanogaster* — at ² Yibi
- ✓ *Haliastur leucogaster*
- ✓ *Haliastur intermedius*
- ✓ *Loriculus philippensis*
- ✓ *Euryystomus orientalis*
- ✓ *Pilornis holospilus*

- ✓ *Halcyon chloris*. Tibi
- ✓ *Merops americanus*
- ✓ *Culicicalla whiteheadi*
- ✓ " " *speciphraga*
- Salangana*
- ✓ *Cethaetura gigantea*. - One.
- ✓ *Cacomantis merulinus*
- ✓ *Endynanis mindanensis*
- ✓ *Scutropus virides*
- ✓ *Harundo javanica*
- ✓ *Pipidura nigritorquis*
- ✓ *Lalage niger*
- ✓ *Iole philippensis*
- ✓ *Pytonotus goavier*
- ✓ *Pratincola caprata*
- ✓ *Orthotomus*
- Scisticola*
- ✓ *Megalurus palustris*
- ✓ *Urtanurus leucostypholus*
- ✓ *Clonocla lucuensis*
- ✓ *Dicaeum*
- ✓ *Threnetes pugularis*
- ✓ " (ad. brant) *spurata*
- ✓ *Anthreptes griseigularis*

- ✓ *Artamus rufipennis*
- ✓ *Munia pagori*
- ✓ *Oriolus chinensis*
- ✓ *Lamprocorax parayensis*
- ✓ *Corone philippina*

June 4 and 5, 1907. - Ascended Mt. Mayon. Left Tabaco at 10:30 A.M. with Padre (Capuchin) Martin & another Prior. Camped above timber-line in cane grass at 4000 feet. Left camp June 5 at 4:35 A.M. Mr. Carpenter & I reached rim of crater at 8:15 A.M. Retired to camp at 12:15 P.M. Reached slip at dark. Birds seen.

- ✓ No bird seen above the zone of grass (6200 feet).
- ✓ *Excalidactoria lineata*. - 1 shot
- ✓ *Tallus pallus*.
- ✓ *Osmotreron vernans*. - Found in timber zone.
- ✓ *Macropygia leucostrostris*. - Common
- ✓ Coming boldly up to upper timber line.

Streptopelia dussumieri
~~*Cephalopterus mediceus*~~
Pyrrhoderes amabilis

Critical notes.

Two females of *Cinnycris whiteheadi* from Hinga have smaller bills than those of 5 females from Calayan. In the length measurement amounts to 1 mm. difference in color they are alike.

Two adult males from Casiguran, E. coast of Luzon differ from a large series of adult males collected by Mr. Mc Dugor in Calayan in having the crimson feathers yellow-green instead of black, faintly edged with yellow-green in Calayan skins. Top of head with gold and violet instead of (principally) green reflections. Rump and ^{upper} tail-coverts all metallic green instead of violet-purple.

A skin from Jala Jala, Rizal, Luzon agrees with east coast Luzon pair. The bill of Calayan skin (culmen) averages 16 mm, that of Casiguran 14.

The Calayan Id. form is undescribed.

✓ Swifts. - Compare Cypselas
 ✓ Chaetura dubia Mc Gregor from
 Mindoro with Chaetura celebensis
 ✓ from Basilan in U.S.N.M.

~~Under Collocalia unicolor
 amelis (Proc. Acad. Nat. Sci., Phila., 1896,
 p. 194). Oberholser says: "Aside from
 the above [localities], Collocalia u. amelis
 is not at present certainly known ^{except}
 from the Island of Guam, where taken
 by Dr. E. A. Mearns, July 20, 1905, and
 from the Philippine archipelago, where
 it has been obtained on the Islands of
 Luzon, Verde, Cagayancillo, Sibuyan,
 Panay, Mindoro, Mindanao, and Palawan."~~

~~In table of measurements Oberholser men-
 = tions a specimen from "Mindanao, Nov. 28
 1887." Type locality Inian, Benguet May 19.~~

✓ Collocalia whiteheadi, Oberholser
 states: "Geographical distribution. Islands
 of Luzon and Palawan, Philippine Islands."

~~Under Collocalia francica germani
 Gustalet ^{11. 2011} Oberholser says: (p. 202),
 "A series of birds from Trong, Lower
 Siam, another from the Philippine
 archipelago seem to be identical, and
 together are certainly all referable to
 this race, although a few of those
 from Cagayan Sulu, in the south-
 western Philippines, are more
 blackish above and show in this,
 but not in size, some vergence
 toward Collocalia francica terra
terraereginae. There are examples
 in the United States National Museum
 from the following of the Philippines:
 Panay; Cagayan Sulu; and
 Cagayancillo, in the Cagayan
 group. It has also been recorded
 as Collocalia francica from Cuyo,
 Negros and Calamianes. All
 Philippine records of both francica
 and inxpectata refer of course
 to germani." (Oberholser.)~~

~~Under Collocalia fuciphaga fuciphaga (Thunberg); Oberholser
says 185-1855:~~
~~Type locality. — Java.~~

~~"A single specimen from Guam
Island is, however, much more
brownish above than any of the
others examined, and may represent
an undescribed race."~~

~~In tabulated measurements, p. 187,
specimens from Mercedes, Mindanao,
Dec. 19, 1903 and Parlas, Mindanao,
Aug. 13, 1903, are mentioned. These
I doubtless collected.~~

~~Under Collocalia l. l. l. (Sharpe):~~
~~Type locality. — Labuan Island,
northern Borneo.~~

~~This probab. what I saw
at Sandakan. Oberholser
gives Palawan Island in
its distribution. No other
Philippine Id.~~

~~Collocalia origensis Oberholser
(p. 191) was based on 4 adults
and one nestling that I collected
on Mt. Apo at 4000 feet.
"Type, adult male, No. 192, 162 U. S.
N. M.; Mount Apo, 4000 feet,
Mindanao, Philippine Islands,
July 4, 1904; Dr. E. A. Mearns."~~

Collocalia troglodytes Gray
"Geographical distribution. — Philippine Islands."

Collocalia marginata Salvadori.
"Type locality. — Cebu Island, Philippine Islands."
"Geographic distribution. — " "

~~"Up to the present time it has been
ascertained to occur on the following
islands: Cebu, Masbate, Luzon
(Mc Gregor), Mindoro, Calayan, and
Sibuyan."~~

Collocalia linchi isonota Oberholser
Type locality. — Irian, Benguet,
Luzon, P. I.
"This form of Collocalia linchi

~~It appears to be confined to the
Philippine archipelago, and has
been taken on only Luzon, Mindoro,
Minanao, and Bongao.~~

Abrosmis olivacea Moseley.

~~The birds that I have been
calling Oreanthopneuste, with
yellow-striped underparts and
gray-striped crowns — the breeding
bird from Pantar and Malindang —
are probably this species. Compare.~~

~~McGregor has them so labelled from
Bohol and Basilan.~~ ✓

Mt. Mayon from Legazpi

May 19 and 20, 1907.
Mr. Carpenter and I
rode from Camp John
Hay, Baguio, Benguet to
Camp Wallace, La Union.

Left Camp John Hay at
9 a.m. May 19 and rode to
the river at the foot of the
hill, between Sublaan and
Magillian, ~~after~~ arriving
at 5:45 P.M. Three soldiers
and 2 packers were awaiting
our arrival; and we slept
in an unfinished shed. The
weather was fine until
noon when a succession
of thunder showers filled
the hollows and trail with
water. The bridges were poor
and three were broken through
by our ^{two} pack mules. The 2
packers were inexperienced
clisted men; but no damage

was done beyond a slight cut on the flank of one mule. The mules that were ridden by Mr. Carpenter and myself were good saddle animals, and gave no trouble.

On May 20th we rode in to Camp Wallace on good Cavalry horses, in 4 hours.

The only mammals seen were a sow and 3 pigs that crossed the road near us, a short distance below Siblaan.

Birds seen:—

✓ Streptopelia dussumieri. — A few below Nagillian.

✓ Geop. a. striata. — First seen at Nagillian

✓ Pyrrhodias manillensis. — Seven seen from our camp on the Nagillian River to the coast.

✓ Alauda lusoneensis. — Flock at our camp at the river, above

Nagillian.

✓ Spilornis holospilus. — A soldier fired twice at one just below our camp on the Nagillian River.

✓ Haliastur intermedius. — Every = when. A crow chased one on wing as we rode up the beach near Camp Wallace.

✓ Loriculus philippinus. — Several were seen about Siblaan. — Tagiccan.

✓ Haleyon galarinus. — The name were seen above Lubiran to near the coast.

✓ Haleyon chloris. — Abundant along the beach from Lubiran = do to Camp Wallace.

✓ Hydrocorax hydrocorax. — First heard at lower border

of pine forest above Siblaan. Some seen at Siblaan.

✓ Merops philippinus. — Some seen at camp on Nagillian R.

Jilleroe's emu cairns. - One
of flock at Mayhillian.

Balanogana marginata } *Primum*
 " " lineata } *albuz*
 " " lineata } *Sieboldii*

Stresemanni whiteheadi - Very abundant about the islands near Baguio, and some closer to Lublaan.

Euclypnus mindanensis. - One
male above caught on Magilcan River
Scutlopterus japonicus? The female
Scutlopterus viridis? of the
higher elevation were the same
as the specimens collected at
Cebu; but those below
Subic were C. viridis.

Hirundo galanica. - Seen at Bagno, thence to Sublaan; on the Tagilisan R. and at Nagillian, and a few thence to the coast.

Rhipidura nigriceps - Everywhere
in bamboo from Magellan to coast.

✓ Macrourus - Magellan R.
a. l. Magellan pueblo.

✓ *Ps. philippinus* - Heard and seen at numerous places from Baguio to the coast.

1. Opiconoanus goiavier. - From
Cap. from Magician R. to the coast.

✓ Poecilomys whiteheadi. - The
the crossstitch is no gathering
to be limited to the species.

✓ *Pterophylla narica*, - seen
near Baguio, on Subic rail

✓ Prothon. in cap. sta. - Ubawland
from Baan to the coast
Singing sweetly. Families.

v *Ortholomus chloronotus*. - From
Sikkim. ^{from} The N. Hill.

✓ ~~Collected~~ ~~from~~
Baquio to Magallanes.

✓ *Lepturus phaloebris*. - From
S. Africa to the coast. Common.

7309-10 to Nagelkun-

Platycia lugubris - Not
numerous. Sublitoral, sand, in
the river.

Pectinifrons elegans - Found
to the middle River.

Platycia malabarica - Found
throughout the River, forest.

Sarcophaga whittemorei - do
" " do. Common
to the middle River.

Sciaris whittemorei - Found
" " do. Common
from Bay, do to the coast

Streblus rufescens - do

S. xia lucidulus - In the
Pines, only.

Tiburia pagoni - Found to coast.

" " *carbasi* - do

Crotophysa chrysocephala - Sublitoral
to the coast.

Ætropis cristatellus -
Nagittal to the coast. Sits
on backs of bulls & scarabaeos.

~~✓ *Ætropis cristatellus*~~
Nagittal to the coast.
do *Ætropis* - do
everywhere from
the river to the coast.

Birds seen at Camp
Wallace, a Union Station,
Luzon, P. I., May 20 to 25, 1907

✓ *Streptopelia dussumieri*

✓ *Geococcyx calvus*

✓ *Sturna bergii crepitans*

✓ *Agelaius feroni* - Mr. Carpenter
caught a downy young in

May 22. On May 24 I shot
both parents at one shot. The
family was all that we saw.
The parents ran with no desire
surpasses, flying 1000's of meters
about in the bushes. They would
suffle and flap their wings
to give the young a flying start
that they could fly on their own.

do *Agelaius* - do
do *Agelaius* - do

✓ White Herons and Gray Herons
 had been seen in the rocks
 some weeks previously by Major
 Grinnell.

✓ Haliaeetus leucocephalus. - Flying
 about the grotto a rookery is located
 Hearing on chloris. - S. Fernando.

✓ Circus viridis. - Common.

✓ Hirundo javanica. - S. Fernando.

✓ Rhitidura nigritorquata. - Common.

✓ Tatane rufa.

✓ Pycnonotus goiavier. - Common
 had a nest in vines of porch. The
 young hatched May 21. Nest
 of reddish materials, loosely
 built, resembling nest of Tatane
viridis. Composition, twigs, plant stems,
 bark, horse-hair, string grass and
 seaweed. The birds were loud,
 noisy, and visited the house
 whenever no one was in a room.

✓ Psittacula cuprata. - Common.

✓ Uriamus leucorhynchus. - S. Fernando.

✓ Podiceps leucocephalus. - One May 20.

✓ Peltes radiatus. - Common.
Empidonax?

✓ Fringilla. - Several birds.

✓ Alauda (sparrows), seen.

✓ Muscicapa flavigaster. - A few.

✓ Corone philippina. - A few.

May 25, 1907. - Mr. Grinnell
 and I boarded the Thibaw
 before sunrise, and sailed
 with Capt. Wood's party for Apari.

May 26, 1907. - Arrived at
Atollas or Lighthouse, arriving
 at 6 a.m. at 2 P.M. A few
 sea birds: -

✓ Puffinus Laccornelas Common

✓ Sterna bergii borotis. - "

✓ Hydrochelidon sp. - One flock.
 Off the mouth of the Cagayan R.
 at Apari were many Sarus
ridibundus, Sterna borotis,

Hydrochelidon, Ducks, and a
 large blue & several small white
 Herons

Amnaga melanogastra
Cus off Apasi

Arrived at Sto Domingo de Basel, Island of Balan, early in the morning and remained until the following morning. Mr. Carpenter and I hunted down the coast to the right and into neighboring hills during the morning. Lunched with the Am. Schoolteacher, Mr. Edmunds, an Englishman.

During the afternoon I walked across the Island to visit the leper colony. Saw 2 men and 1 woman leper. Mr. Carpenter hunted towards the Yriaya Mt. The first bird collected by an ornithologist on Balan Island was an *Aigialitis*

~~paroni~~, shot by Mr. Carpenter. My 1st bird was *Cisticola* and in moderate abundance. 3 Swifts, cross-banded *Colaptes*, *virgatus* new to the Philippines. Later Mr. McGregor and his assistant, Celestino shot 3 of the new Swifts. On the following morning he sent a board to the ship that he had also found a new species

No mammals were seen.

Mr. saw the following Birds: *Cetarches*, ^{new} ~~new~~ species? *Laniocereton*, ^{new} ~~new~~ species?

~~This dark red. Bill yellow with a spot of red on side of mandible at base. Feet purplish red, with purplish brown claws. Feathers plumbeous. Front half of head gray-green. Point of chin black. Plumage of entire upperparts including wings and tail green. Nuptial tail coverts buff.~~

~~X~~ Hugh striped like an *Esquirozon* Breast with the characteristic greenish mark, blackish. Underparts grayish green mixed with whitish in median area.

Two living specimens of this new Pigeon were brought aboard ship in a cage by the 2d officer, who does not want to part with them.

Columba griseigularis. - 13 of these beautiful Pigeons were brought aboard alive in cages. Mr. McGregor & I thought they were slightly different from *C. griseigularis*.

A larger green Pigeon. - Two were seen in a cage, by Mr. Carpenter and others. I sent ~~various~~ ashore to buy them; but he bought 2 *Columbas*.

Puffinus leucomelas. - Plenty off shore. It likes the roughest seas.

Tringa acuminata
~~*Egallitis formu*~~ - One shot by Mr. William Dorr Carpenter.

~~Totanus?~~ - A wader flew along the shore. It was about the size of *Gallinago nebularis*, but not that or the Redshank.

~~*Gallinago*~~ - Mr. McGregor & Mr. Carpenter saw Snipe.

~~*Mesophoy & intermedia*~~ - Several white herons seen on rocks along the shore. Supposed to be this species.

~~*Dupetor flavicollis*~~ - Mr. Carpenter shot the only one seen.

~~*Bulaster indica*~~ - Mr. Edmunds told us that, in October, a Hawk answering to this description migrates to Balan by thousands.

~~*Haliacetus leucogaster*~~ - Seen several. Mr. Edmunds says that several pairs nest on a long mountain ridge to the right of the town. (Continued on the reverse side.)

Bird Specimens.

Camp Wallace, Pago, P. I.

1	<i>Agelaius feroni</i>	♀ juv	15177	May 20, 1907.
2	" "	♂ ad.	15178	" 21, 1907.
3	" "	♀ ad.	15179	" 21, 1907.
4	<i>Leucophaea iridis</i>	♂ ad.	15180	" 22, 1907.
	Bataan Id. May 27, 1907.			
5	New genus of Swift	♂ ad.	Bataan 15181	
6	<i>Microsphenia pacifica</i>	ad.	15182	
7	<i>Cypselus</i> do	♂ ad.	15183	
8	do	♀ ad.	15184	
9	do	♂ ad.	15185	
10	do	♂ ad.	15186	
11	do	♀ ad.	15187	
12	do	♂ ad.	15188	
13	do	♂ ad.	15189	
14	<i>Centropus</i> ^{carpenteri} new species	♂ ad.	15190	Type of <i>Centropus carpenteri</i> .
15	<i>Hirundo javanica</i>	♀ ad.	15191	
16	" "	♀ ad.	15192	
17	<i>Zosterops meyeri</i>	♂ ad.	15193	
18	" "	♀ ad.	15194	
19	<i>Anthus rufulus</i>	? ad.	15195	

20. <i>Recurvirostra exilis</i>	♂ ad.	15196
21. " "	♂ ad.	15197
22. <i>Hypsipetes fugensis?</i>	♂ ad.	15198
23. " do	♂ ad	15199
24. " do	ad.	15200
25. " do	♂ ad.	15201
26. <i>Holcyon chloromelas</i>	♂ ad.	15202
27. <i>Zapornia flavirostris</i>	♀	15203
Arua Is. May 29, 1905		
28. <i>Crinifer callinus</i>	♂ ad.	15204
" "	" "	770; 770; 242; 430; 19; 73; 66;
		spurs 6; greatest length of comb 81;
		greatest height of comb 44.
29. " " " <i>musophrys</i>	♀ ad.	15205
30. <i>Mus endowae occipitalis</i>	♂ ad.	15206
31. Compare with topotype in USNM	" "	470; 780; 255; 175; 23; 36; 51
		15207
		460; 765; 255; 245; 178; 25; 34; 51.
		15208
		380; 800; 240; 90; 18; 64; 61.
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Java Island, May 23, 1907			
38	<i>Hypsipetes fugitivus</i>	♂ ad.	15214
39	"	♂ ad.	15215
40	"	♂ juv.	15216
41	"	♂ juv.	15217
42	<i>Lanius</i> ^{sp.}	♂ ad.	15218
43	<i>A. qualitatis</i>	♂ ad.	15219
44	"	♂ ad.	15220
45	<i>Gymnomyza</i>	♀ ad.	15221
46	<i>Scrubridius</i> ^{whiteheadi}	♀	15222
47	"	♀ "	15223
48	<i>Eurystomus orientalis</i>	♂ "	<i>Gymnomyza whiteheadi</i> . Not this
49	<i>Minx</i> ^{sp.}	♂ ad.	" 15224 "
50	"	♂ ad	15225
51	<i>Eudynamys mindanensis</i>	♂ ad.	15226
52	<i>Eudynamys frater</i>	♂ ad.	Compare with <i>lophotes</i>
53	<i>Centropus viridis</i>	♂ ad.	15227
54	<i>Chalcophaps indica</i>	♂ ad.	15228
55	<i>Halcyon chlondra</i>	♂ ad	15229
56	<i>Crotophys elutus</i>	♀ juv.	15230
57	<i>Centropus javanicus</i>	♀ juv.	15231
	Agrees with spec. in Bureau of Science		15232
			15233
			15234
	Compare in <i>usnum</i> , labelled <i>javanica</i> .		

June 1, 1907.
58. *Artadindes striatus*

59	"	"	♂ ad.	
60	"	"	♀	
61	<i>Aleyone cyanopteris</i>			
62	<i>leptocnemis lutea</i>		♂ ad.	
63	<i>Cinnyris whiteheadi</i>		♂ ad.	
64	"	"	♂ ad.	
65	<i>Anthreptes</i>	"	♂ ad.	
66	<i>Amazilia griseigularis</i>		♀ ad.	
67	"		♀ ad.	
68	<i>Tilas philippinus</i>			For sex see tag
69	<i>Pycnonotus goravensis</i>	♂		
70	"	"	♂	"
71	"	"	♀	"
72	"	"	♂	
73	<i>Mimus agorii</i>	♂ ad.		
74	"	"	♂ imm.	
75	"	"	♀ imm.	"
76	"	"	♀ imm.	"
77	"	"	♀ imm.	"
78	"	"	♂ imm.	"
79	"	"	♂ imm.	

Casiguran, Luzon. 15235

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15240	Given to Judge Crossfield.
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80 *Octodactylodroma* *geoffroyi* ♀ ad. 15257

81 " " *geoffroyi* ♂ ad. 15258

82 *Cerorone philippina* ♂ ad. 15259.

83 *Egretta* *garzetta* - imm. 15260
Shot by Carpenter

84 *Butorides javanica* ♂ ad. 15261

85 *Pyrrherodius manillensis* ♂ ad. 15262

86 *Anthus rufulus* ♂ ad. 15263
For six days

87 *Orthotomus callosus* ad. 15264
Compare size of bill with other series

Sili Hot Springs. June 3, 1907.

88 *Leisticola exilis* ♀ ad. 15265

89 *Leacomantis merulinus* ♂ juv. 15266

90 *Megalurus palustris* ♂ ad. 15267

91 *Pycnonotus goiavier* ♀ ad. 15268

Mount Mayon. June 4, 1907.

92 *Dicrurus balicassius* juv. 15269

93 *Merula mayonensis* ♀ ad. 15270

94 " " ♂ ad. 15271

95 " " ♂ imm. 15272
Type of Merula mayonensis.

15273

4 Camp Wallace, Luzon May 22, 1907

96 *Centropus viridis* 15180 ♂ ad.

97 *Columba* sp. ad. 15269

98 *Columba*, new species ad 15274

Columba. - Iris orange-yellow.
Base of spec. around eye and
basal half of bill all round,
vireaceous, or purplish red.
Terminal half of bill white.
Feet vireaceous, claws brown.
Brought alive from Botan Id.

Animals collected

① 6435 Canis familiaris
 ② 6436 Sus probably wild.
 ③ 6437 Mus deessmanni ♂ ad.
 ④ 6438 Mus ♂ ad.
 ⑤ 6439 Leopardus pardalis
 ⑥ 6440 Vivipara Punt. P. P.
 ⑦ 6441 Cat domesticus
 6442 Mus mus

Camp Wallace, Luzon May 25, 1944

Fragment of upper jaw ^{90%}
Lea-sigiran, P. Luzon.

Aparri, N. Luzon.

on outside in ' ' , in
June 1909.

5. *Leptochilus* (L.) Willd. f. *leptophyllum*

Brachyceridae, 1987 SK. 4000 U. in aecid.

Alcoholics stored
in Bureau of Science
No. June 15, 1907.

90. Skin of very large lizard
from Id. ap. Salanki, P. I.

91. Small lizard do.

85. Head of Poisonous Serpent
from same place as No. 90.
Many mollusks, radiates &
crustaceans in same
vessel without numbers. All
from same place as above.

87 Piece of shirt sleeve filled with
mollusks from Leyte Id.
Sept. 1906.

86 Butterfly net filled with
mollusks from Malampaya
sound, Palawan Id., P. I.

Alcoholics from
Mount Halcon, Mindoro.
No. Small Mason jar with
75 insects, mollusks and a
miscellaneous quantity
of fragile things.

80. Land shells and 2 jackets
(contents not examined),
from Mt. Halcon.

84. Large packet of sea
shells from mouth of
Suba-an River, at foot
of Mt. Halcon, Mindoro

~~86. Quills from Mt. Halcon.~~
~~The quills were tied a rag tied~~
~~around third foot and carried~~
~~in last camp, returning.~~
~~at Mungyan clearing, 1/2 miles~~
~~from Suba-an, Mindoro:-~~

~~✓ 70 x 4 = 6339 2 ad.~~

~~✓ 76 = 6340 2~~

~~✓ 74 = 6341 2~~

$$\checkmark 5 = 6342$$

$$\checkmark 6 = 6343$$

$$\checkmark 7 = 6344$$

$$\checkmark 8 = 6345$$

IN cylind.

in land. its for.
finds:-

$$\checkmark 2 = \text{perhaps not registered} \quad \text{♂ ad.}$$

$$\checkmark 3 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 4 = \text{not registered} \quad \text{♂ ad.}$$

$$\text{let car. on hill } 2300 \text{ feet} \quad 2250$$

$$\checkmark 5 = 6298 \quad \text{♂ ad.}$$

$$\checkmark 6 = 6299 \quad \text{♂ ad.}$$

$$\checkmark 7 = 6300 \quad \text{♂ ad.}$$

$$\checkmark 8 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 9 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 10 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 11 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 12 = \text{not registered} \quad \text{♂ ad.}$$

$$\checkmark 13 = \text{probably not entered} \quad \text{♀}$$

$$\text{6300 feet altitude.} \quad \text{♀}$$

$$\checkmark 14 = \text{probably not entered} \quad \text{♀}$$

$$\text{6300 feet altitude.} \quad \text{♀}$$

$$\checkmark 15 = \text{Mus mandarinensis} \quad \text{♀}$$

$$\checkmark 16 = 6321.$$

$$\checkmark 17 = 6321.$$

$$\checkmark 18 = 6321.$$

$$\checkmark 19 = 6321.$$

$$\checkmark 20 = 6321.$$

$$\checkmark 21 = 6321.$$

$$\checkmark 22 = 6321.$$

$$\checkmark 23 = 6321.$$

$$\checkmark 24 = 6321.$$

$$\checkmark 25 = 6321.$$

$$\checkmark 26 = 6321.$$

$$\checkmark 27 = 6321.$$

$$\checkmark 28 = 6321.$$

$$\checkmark 29 = 6321.$$

$$\checkmark 30 = 6321.$$

$$\checkmark 31 = \text{un-named Green Lizard}$$

$$\checkmark 32 = \text{Rough Lizard}$$

$$\checkmark 33 = \text{Long Lizard}$$

112 =

Poecilus leifer

118 = 6-

129 =

Small Frog.

Two left in tank
Skull of Rat ~~and~~ [✓]
from 8000 feet on Mt. Habesu
In alcohol tank No. 6324.

(April 28, 1907. - Attempted to land on Ibayat Island. Two sailors got ashore; but Captain Crosby was afraid of ~~damaging~~^{any} the ship's boats, and General Wood decided to give up the attempt at landing the party, in consequence.

The only land bird seen on Ibayat Island was Halecyon chloris.

(Birds of Batan Id. - (Continued from page .))

✓ Halecyon chloris. - A few. One shot by Mr. Carpenter.

✓ Large Cross-barred Swift. - Very abundant. Nine shot. Nesting place not seen.

✓ Centropus sinensis. - I saw a number of red and brown Cenops. One was very large.

✓ Centropus (all black). - Shot by Mr. Mc Gregor.

✓ Hirundo javanica. - Abundant. Breeding in cavernous hollows along the shore & in houses.

✓ Hirundo striolata. - Abundant.

✓ Zocephalus new species. - Mr. Carpenter shot one but could not find it; Mc Gregor got one.

✓ Hypsipetes batanicus. - This Thrush Thrush is abundant and noisy everywhere.

Misticola - Abundant. Pale colored. Several shot.

Zosterops mycerinus - Common.

In low bushes along stream.
Habits about resembling summer
Yellowbird in appearance & habits.

Birds leucocephalus. - Flocks.

Arthus rufulus. - Abundant.

During the night of May 27-28 we
steamed to the ~~island~~ of Ibayat
but could not land. 2 sailors got
ashore by swimming.

May 29, arrived at Apari
where we remained during the
morning. Collected shells.

Birds seen: Polidoxias cuneata.

✓ Hydrochelidon sp.

✓ Sterna small white

✓ Sterna b. borealis

✓ Larus ridibundus. - One.

✓ Small Flamingo & Sandpipers.

✓ Large blue Herons

✓ Small white Herons

✓ Bubulcus coromandus

✓ Anas luzonica

✓ Endrocygna arcuata

✓ Entomia melanogaster

✓ Haliaeetus leucogaster

✓ Haliastur intermedius

✓ Halcyon chloris

✓ Hirundo javonica

✓ Rhipidura migratoria

✓ Megalurus palustris

✓ Muraia fajorii

✓ Corone philippina.

May 29. - Left Apari at noon
and steamed to mouth of
Ablog R., intending to row
up & shoot ducks; but this
scheme was abandoned and
we landed on the Island of
Fuga near sundown,
leaving May 30, at 1 P.M. for
east coast of Luzon.

At Fugard, were handsome
ruined stone houses & church.
A Spanish gentleman owns
thousands of cattle & has a
nice house in which we entertained

✓ *Urotrichus* - The only mammals seen were *Pteropus edulis* & *Tarsius*. Said to be woodscr.

Birds of Fluga Id. - For game bag list see page.

✓ *Megapodius cinnamomeus* - Very abundant. Small young running about. The largest mound seen was six long paces from periphery to center and 3 feet high. Eggs were sent out to the crew of our ship. A wounded bird uttered a whining cry when pursued.

✓ *Tallus gallus* - Very abundant. Young chicks with the hens. Notes when taking flight the same as those of domestic cock & hen. Feed largely on fruits like the Pigeons.

✓ *Muscadovia melanotos* - Abundant. 20 shot. Some

✓ *Crinifer* feeding on fruit in patches of scrub along a few feet from the ground.

Notes ~~as~~ ^{like or word} d.c.p., hollow, & cat-like hoots and a guttural growl.

✓ *Streptopelia dussumieri* - Very common. Eight were shot.

✓ *Achelosophaea nivea* - Common. Not shot by Genl. Wood.

✓ *Hippotendua torquata* - Several seen.

✓ *Egretta peroni?* - Quite common. Mr. Carpenter shot 3. No other Ring Plover seen.

✓ Sandpipers size of Totanus or *Glaucis* were seen. Mr. Carpenter shot one but did not find it.

✓ *Merophyx intermedia* - One ran in front of me a mile along the beach. Others seen.

✓ *Bubulcus coromandus* - A large flock.

✓ *Habacetus leucogaster* - Several. Mr. Carpenter shot one.

✓ Ninox japonica. - Four seen. Two shot. Iris yellow.

✓ Eurystomus orientalis.

✓ Halcyon chloris. - Common.

✓ Cuculus saturatus. - Abundant. Two males shot. Noisy.

✓ Scutropus. - See skins. & may have both Javanica & viridis. Abundant.

✓ Hirundo javanica. - Breeding.

✓ Hypsipetes fugensis. - Abundant

~~Skyl. Restless. Sitting on a dry top of tree, it utters a note like that of Contopus virens; suddenly it takes to flight at the same time pouring out a flood of vituperative cries as it dashes about over the tree tops. Later it may swoop silently upon a bough close to the intruder upon its domains and eye him cautiously, suddenly~~

✓ to alarm and fly away with another succession of screams. About the houses they were less shy. We shot 5.

✓ Warbler (No. 15209). - Common in the cogon grass near woods.

✓ Leisticola - Common.

✓ Otomela lucionensis. - Haw.

✓ Dicaeum pygmaeum. - "

✓ Terpsiphone whiteheadi. - Mr. Carpenter shot two young females.

✓ Anthus rufulus. -

✓ Munia javonii. - Flocks.

✓ Oriolus chinensis. - Very

✓ abundant. Sweet singer. One

✓ note like Tanggnathus's.

✓ Corone philippina. - Abundant.

May 31, 1907. - Drove on east coast of Luzon. The mountains look high with fresh landslide marks visible. The only birds up to noon were

✓ Puffinus leucomelas.

(July 31, 1907.)
✓ *Sterna*, small white
✓ *Sterna bergii* 1st

June 22, 1907

Arrived at Paoiguaro at 10th day bright & sailed away about 2 P.M. Went this evening collecting on shore.

✓ Picked up *Macrorhynchus* mostly

Wild Hog. No Mammals seen.

✓ 13 id. ✓ *Colomyscus communis*

✓ *Gallus gallus* - Abundant

✓ *Threskiornis aethiop*

✓ *Streptopelia discolor* 1

✓ *Spizella breweri*

Chlidonias - Very large flocks on sand bars and logs. See specimens

✓ *Numenius variegatus* - Very abundant in flocks. Fair shot 3.

✓ *Pyrrocephalus rubineus* - Abundant. So. Fair shot one.

Agelaius - 1st. Abundant
new color, white face

✓ *Tricholaemus* exaltatus

✓ *Lanius* - 1st. Many. Fair shot

✓ *Coracina* - 1st. Common

✓ *Dendrocopos major* (Abundant)

✓ *Coracina philippina*

✓ *Coracina* - 1st. Fair

✓ *Haliastur* - 1st. Fair

✓ *Haliastur* - 1st. Fair

✓ *Coracina* - 1st. Fair

✓ *Coracina* - 1st. Fair

✓ *Coracina* - 1st. Fair

✓ *Hydrocorax* hydrocorax

✓ *Chlidonias* - 1st. Fair

✓ *Calonectris* - 1st. Fair

Ritterina leucosticta. - Few.
Ornitomorus. - Abundant. See them
Spizella
Spizella white-throated. - Abundant
 ✓ Spizella breweri - " "
Onychis rufulus
 ✓ Numenius phaeopus - Abundant.
Dicurus balicassius
 ✓ Accipiter cooperii
Lanius meridionalis - Abundant.
 June 2, 1907. - Standard
 1000 ft. above sea level.
 12 hours at Balice, Legas.
 No game ashore. Crabs
 Shrimps plenty. No mammals
 seen. Birds. Megapode on ridge
Accipiter cooperii, - Crowing.
Phasianus tanca
Phasianus meleagris. - One.
 ✓ Strepera gracilis immaculata
 ✓ Alauda melanoptera
 ✓ Alauda longicauda
Coracina philippensis. - One.
Holcopteron elatior

✓ Spizella flavipennis - One.
Eudynamys scolopaceus
 ✓ Colaptes auricularis
Herundo fasciata
Chondestes grammacus
 ✓ Ornitomorus - Abundant.
Numenius whiteheadi.
 ✓ Numenius phaeopus Standard
 ✓ Dicurus balicassius.
 ✓ Accipiter cooperii - Billie-billing. - Crosby
 ✓ Accipiter (one) 31907 - Standard
 ✓ Accipiter (one) 31907 - Crosby
 ✓ Accipiter (one) 31907 - Crosby
 May 20 at 11 a.m.
 (Notes carried back to beginning
 of book)

Itinerary. May 19 to June 7, 1907.

[General Wood's party left Manila on U.S.A.T. Mindanao May 24.]
Mr. Carpenter & Dr. Mearns left Baguio, Benguet to join Genl. Wood:
May 19 Left Baguio with pack-mules
" 20 Arrived at Camp Wallace.

" 20-24 At Camp Wallace
" 25 Left Camp W. on U.S.A.T. Mindanao
" 26 Arrived at Apai, Luzon
" 27 " " Sto. Domingo de

Bacon, Batan Id.
" 28 Tried to land at Ibayat,
returned to Batan Id.
" 29 Returned to Apai, Luzon.
Steamed to mouth of Abug R.
Landed on Fuga Id.

" 30 Left Fuga Id.
" 31 Off E. coast Luzon. Ar-
rived at Casisigran
June 1 Landed at Caligasan
and left for Belar

June 1

2 Landed for $1\frac{1}{2}$ hours at Belar
3 Landed at Tabaco
Steamed to Libi
Visited hot springs at Pili.
4 & 5. Ascended Mt. Mayon.
6 At sea.
7 Arrived at Manila

~~Mr. Laroche~~
and his wife
had paper tags. But they
were not faded and check
numbers on metal tags

~~Mr. Laroche~~
had metal tag
No. 3784. Name Saw.
6390 3746 ✓ Monkey ♂
6391 3784 ✓ " ♀
6397 3732 ✓ " ♂
6388 3775 ✓ " ♀
lost 3782 " ♂
6386 369 ✓ " ♂
6387 362 ✓ " ♂
6389 3755 Civet ♂
6393 3778 ✓ Monkey ♀
6392 366 ✓ " ♂
6385 3771 ✓ " ♂
lost 3764 " ♂
lost 3787 " ♂

~~Office - housing site~~
~~Living up shelter zone~~
~~Mr. Haleon, Mindoro~~
Reindeer metal tag
numbers, numbers

3742 ✓ ♂
3719 ✓ ♀
3791 " "

♂ ad.
♀ ad.
imm.

Woodring was the packer
who fed me at Sublaan.

Lieut. Arthur G. Williams-
Hoote, Scout (Englishman).
While stationed Picket on the
Rio Grande, 8 Moros were
killed by crocodiles within
one year. One, an old man,
died from the effects of the
bite of a crocodile measuring
less than 5 feet in length, which
tore a large amount of
flesh away from his thigh.
This case was treated by
Dr. Pipes.